

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method of providing a service to wireless stations
2 through a telecommunication network, the service being identified by a unique service
3 identifier stored in the telecommunication network and in at least one subscriber station
4 among said wireless stations, the method comprising the steps of:
 - 5 - determining a paging identifier in the telecommunication network and at said
6 subscriber station, by applying a hash function to a data string including at
7 least part of the unique service identifier;
 - 8 - associating said subscriber station with the determined paging identifier; and
 - 9 - prior to transmitting information pertaining to the service over a broadcast
10 channel, transmitting a paging message incorporating said paging identifier to
11 the wireless stations.
- 1 2. (Original) A method as claimed in claim 1, wherein the information pertaining to
2 the service, transmitted over the broadcast channel, includes the unique service identifier,
3 and wherein a wireless station associated with said paging identifier responds to the
4 paging message by switching to the broadcast channel, receiving the transmitted unique
5 service identifier and checking whether the received service identifier matches the service
6 identifier stored in said wireless station.
- 1 3. (Previously Presented) A method as claimed in claim 1, wherein said data string
2 further includes an indication of a type of the service.
- 1 4. (Previously Presented) A method as claimed in claim 1, wherein the unique
2 service identifier includes an address associated with the service and an indication of a
3 scope within which said address is unique.

1 5. (Previously Presented) Telecommunication network equipment for participating
2 in the provision of services to wireless stations, the equipment comprising:
3 - means for storing unique service identifiers respectively identifying the
4 services;
5 - means for determining a respective paging identifier associated with each of
6 the services, by applying a hash function to a data string including at least part
7 of the unique identifier for said service; and
8 - means for transmitting a paging message incorporating the paging identifier
9 associated with one of the services to the wireless stations, prior to
10 transmitting information pertaining to said one of the services over a
11 broadcast channel.

1 6. (Original) Equipment as claimed in claim 5, wherein the information pertaining to
2 the service transmitted over the broadcast channel includes the unique service identifier.

1 7. (Previously Presented) Equipment as claimed in claim 5, wherein the data string
2 including at least part of the unique service identifier further includes an indication of a
3 type of the service.

1 8. (Previously Presented) A wireless station for communicating through a
2 telecommunication network, the wireless station comprising:
3 - means for storing at least one unique service identifier identifying a respective
4 service to which the station has a subscription;
5 - means for determining a paging identifier, by applying a hash function to a
6 data string including at least part of the unique service identifier; and
7 - means for receiving a paging message incorporating said paging identifier
8 and, in response thereto, switching to reception over a broadcast channel to
9 receive information pertaining to the service as transmitted from the
10 telecommunication network.

1 9. (Original) A wireless station as claimed in claim 8, further comprising means for
2 detecting a service identifier in the information received over the broadcast channel and
3 means for checking whether the detected service identifier matches the stored unique
4 service identifier.

1 10. (Previously Presented) A wireless station as claimed in claim 8, wherein said data
2 string further includes an indication of a type of the service.